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# A NEW SPECIES OF BRACHYTHECIUM FROM LATIN AMERICA (BRACHYTHECIACEAE, MUSCI) $^{1}$

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#### ABSTRACT

**Brachythecium cirriphylloides** McFarland is described as a new species for Latin America.

KEY WORDS: Musci, Brachytheciaceae, Brachythecium, Latin America

Brachythecium cirriphylloides McFarland, sp. nov. HOLOTYPE: MEXICO. México: Popocatepetl, on slopes ca. 2,900 m.s.m., March 4, 1932, H. Froferstrom et E. Hultén s.n. (MICH!); Isotypes: TENN!, US!

Caules decumbentes vel erecti teretes. Folia sive erecta-imbricata sive reclusa sive incipientia reclusa fieri, profunde concava, longa, late decurrentia, leviter plicata, sive ovata-lanceolata sive late ovata, sive incipientia ovata fieri, et aut gradatim contracta ad longos apices aut late ovata et abrupte constricta ad longos filiformes apices, cum nervo tenui prope medium foliorum; cellulae alares, ab aliis cellulae leniter distinctae, sive quadratae sive rectangulares, extendentes ad decurrentia. Dioicus. Setae dense papillosae; capsula horizontalia, annulus compositus ex duabus seriebus accrescentium cellularum, cilia nodosa vel appendiculata. Cetera ignota.

<sup>&</sup>lt;sup>1</sup>A portion of a dissertation entitled "Revision of Brachythecium [Musci] for Mexico, Central America, South America, Antarctica and Circum-subantarctic Islands" submitted by the author to the Graduate School of The University of Tennessee at Knoxville in partial fulfillment of the requirements for the Doctor of Philosophy Degree in Botany.

Plants medium sized to robust, loosely to densely matted. Stems decumbent to erect, terete, infrequently and irregularly to subpinnately branched; branches terete, ± tapering at tips; pseudoparaphyllia orbicular, long apiculate. Stem leaves 1.6-2.7 X 0.7-1.4 mm, erect-imbricate to open erect and lamina ± crumpled when dry, becoming smooth when moist, deeply concave, with short to long broad decurrencies, lightly plicate, broadly ovate or broadly cordate-ovate, abruptly constricted into long filiform apices, or ovatelanceolate with gradually long tapering apices, apices 0.4-0.8 mm long; margins recurved at base, plane above, serrulate to serrate in apices, serrulate or nearly entire below; costae broad at base quickly tapering above and ending near middle (50%) ± in an inconspicuous spine. Median leaf cells fusiform to linear 53.6-102.6 X 5.7-11.4 μm; apical cells similar 42.2-115.1 X 5.7-8.0 μm; basal cells slightly broader, rectangular, pitted 34.2-108.3 X 8.0-19.4 µm; alar cells not distinctly differentiated, quadrate to rectangular, extending into decurrencies 12.5-47.9 X 8.0-20.5 µm. Branch leaves 1.2-1.9 X 0.4-0.9 mm, concave, slightly decurrent, not plicate, ovate-lanceolate, acuminate; margins serrate. Dioicous. Setae 15.0-20.0 mm long, densely papillose throughout, dark redbrown. Capsules 2.0 X 1.0 mm, horizontal, short oblong-ovoid, curved, dark red-brown; cilia 1-2, nodose to appendiculate; annulus of two rows of inflated cells. Spores 9.9-16.5, finely papillose. The rest unknown.

#### COMMENTS

Brachythecium cirriphylloides appears confined to Central America and northern South America, growing on moist, shaded soil, tree trunks, and rock. It is distributed in the high mountain ranges: in Boyacá and Cundinamarca, Colombia 3100-3620 m; Quezaltenango and Sacatepequez, Guatemala 2200-3000 m; México, Michoacán, and Veracruz, México 1524-3000 m; and Merida, Venezuela 2900 m.

The species remained anonymous in the literature and among herbarium specimens because it was either left unnamed or misnamed as Brachythecium alboflavens auct. div., B. flexiventrosum auct. div., or B. rutabulum auct. div. Failure to recognize this species was complicated further by its typically sterile condition and marked resemblance to these and other sympatric species.

Brachythecium cirriphylloides is distinguished from other brachythecia in the region by its larger size, dioicous condition, leaves that are broadly cordate-ovate with abruptly formed long apices, small basal and alar cells, and papillose setae. Brachythecium cirriphylloides resembles B. chocayae Herz. in size, growth form, and general leaf shape and areolation. Brachythecium chocayae differs in being autoicous, having setae with low papillae, leaves not as broadly ovate, and lacking abruptly formed apices. Brachythecium conostomum (Tayl.) Jaeg. has similar leaf form and dioicous condition, but is smaller with more lax

leaf areolation and smooth setae. Brachythecium rutabulum (Hedw.) B.S.G. is similar in growth form, size, papillose setae, and general leaf shape, but differs in being autoicous, having lax basal cells, lax to inflated alar cells, less broadly ovate leaves, and much shorter apices. Robust specimens of B. stere-opoma (Spruce ex Mitt.) Jaeg. are similar in dioicy, and general leaf form, but differ in the more compact growth form, narrower leaves, shorter apices, larger basal and alar cells, and smooth setae.

Brachythecium cirriphylloides bears some resemblance to B. curtum (Lindb.) Limpr., a circumboreal, North Temperate species, in the general leaf form, papillose setae, and appendiculate cilia; however, B. curtum is autoicous, with leaves bearing shorter apices, and cells more lax in the basal and alar regions.

There is a certain resemblance between Brachythecium cirriphylloides and some taxa in Cirriphyllum sensu Grout. They share dioicy, papillose setae, similar plant size, growth form, and concave broadly ovate leaves with filiform apices. However, since the shape and prominence of the opercula are unknown for this species, a more critical and definite comparison with Cirriphyllum is reserved at this time.

#### ACKNOWLEDGMENTS

I wish to thank Dr. Christopher P. Craig, of the Classics Department The University of Tennessee for assistance in the Latin description, Dr. Harold Robinson (US), and Dr. David K. Smith (TENN) for their reviews and comments on the manuscript, and the curators of the following herbaria COL, FH, FLAS, MICH, TENN, U, and US, for the loan of specimens.

### TYPIFICATION OF BRACHYTHECIUM SALEBROSUM VAR. POLYOICUM AND NOMENCLATURAL CHANGES OF TWO TAXA IN THE BRACHYTHECIACEAE (MUSCI) FOR MEXICO $^1$

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#### ABSTRACT

A lectotype is chosen for *Brachythecium salebrosum* var. *polyoicum* and the variety is raised to species rank. A new combination is made for Rhynchostegium pulchellum var. praecox.

KEY WORDS: Musci, Brachytheciaceae, Brachythecium, Rhynchostegium, México

My studies of the Brachytheciaceae for México have prompted the following typification and nomenclatural changes.

Brachythecium polyoicum (Thér.) McFarland, stat. nov. BASIONYM: Brachythecium salebrosum (Web. et Mohr) B.S.G. var. polyoicum Thér., Smithsonian Misc. Collect. 85(4):36. 1931. TYPE: MEXICO. Puebla: Vicinity of Puebla, Hacienda Batan, 2150 m., XII 1908, Bros. G. Arséne 2937. (LECTOTYPE des. mihi. PC[!]; Isolectotypes (paratypes): C[!], F[!],FH[!],H-BR[!],NY[!],PC[!],UPS[!], and US[!])

<sup>&</sup>lt;sup>1</sup>A portion of a dissertation entitled "Revision of Brachythecium [Musci] for Mexico, Central America, South America, Antarctica and Circum-subantarctic Islands" submitted by the author to the Graduate School of The University of Tennessee at Knoxville in partial fulfillment of the requirements for the Doctor of Philosophy Degree in Botany.

#### **TYPIFICATION**

I have located and examined ten isotypic Brachythecium salebrosum var. polyoicum Thér. specimens, one each in the herbaria at C,F,FH,H-BR,NY,UPS, and two each at PC and US. I designate one of the specimens at PC as the lectotype, identified by the following labeling data: "Brachythecium salebrosum (Hfm.) Br. Eur. var. polyoicum Thér. v. n." This specimen is consistent with the protologue description and derived from Thériot's herbarium. The remaining PC and other isotypic specimens may be regarded as isolectotypes (paratypes).

#### COMMENTS

Thériot (1931) recognized this polygamous biotype as a variety of Brachythecium salebrosum (Web. & Mohr) B.S.G., an autoicous species, on the basis of greater gametophyte similarity rather than relating it to other synoicous and polyoicous brachythecia known to him at that time "B. acutum, B. conostomum, and B. mildeanum." The occurrence of polygamy in specimens of B. salebrosum from North America north of México has been documented by Grout (1928) [as Brachythecium acutum (Mitt.) Sull.], Crum & Anderson (1981) and observed by me. Similarly, polygamy in European specimens of B. salebrosum has been documented by Warnstorf (1906), Podpera (1954), and Smith (1978). Because of the low frequency with which this character occurs in B. salebrosum, most recent authors have not given taxonomic status to specimens with this character.

Brachythecium salebrosum var. polyoicum occurs only in Puebla and Veracruz, México. It appears isolated considerably south of Canadian or U.S. populations of polygamous B. salebrosum. Of the eight specimens known from México, five are demonstrably polygamous and bear low papillae (becoming prominent at the base of the capsule) along the setae. I consider this combination of characters and the distributional isolation of the Mexican plants sufficient cause for elevating this taxon to species level.

Brachythcium polyoicum is morphologically similar to B. salebrosum and thus belongs in the section Salebrosa.

Rhynchostegium pulchellum (Hedw.) H. Robins. var. praecox (Hedw.) McFarland comb. nov. BASIONYM: Hypnum praecox Sw. ex Hedw., Spec. Musc. 249. 11-15. 1801. 

Eurhynchium praecox (Hedw.) De Not. in Picc., Comm. Critt. Ital. 1(4):284. 1863. 

Rhynchostegium praecox (Hedw.) De Not., Cronac. Briol. Ital. 2:11. 1867. 

Rhynchostegium strigosum (Web. et Mohr) De Not. var. praecox (Hedw.) Anzi, Mem. R. Ist. Lombard. Sc. Lett. Cl. Mat. Nat. 13:343. 1875. 

Eurhynchium

strigosum (Web. et Mohr) B.S.G. var. praecox (Hedw.) Husn., Musc. Gall. 334. 1893.  $\equiv$  Eurhynchium strigosum (Web. et Mohr) B.S.G. ssp. praecox (Hedw.) Kindb., Canad. Rec. Sc. 6:22. 1894.  $\equiv$  Eurhynchium pulchellum (Hedw.) Jenn. var. praecox (Hedw.) G.N. Jones, Res. Stud. State Coll. Washington 1(4):170. 1930.

Hedwig's original description of Hypnum praecox was taken from a Swedish collection. After validation, this taxon has been reassigned within Eurhynchium and Rhynchostegium at the species, subspecies, and varietal levels by various authors (see synonymy). The shift of this taxon between these two genera is symptomatic of a generic quandary that has occurred in the literature over the past 150 years for taxa in Brachytheciaceae with rostrate opercula. The genera involved are Eurhynchium, Oxyrrhynchium, Platyhypnidium, and Rhynchostegium and more recently Steerecleus H. Robinson (1987). These genera are weakly delimited and species overlap between genera occurs.

Eurhynchium is sometimes reserved for terrestrial species with short apical cells whereas Platyhypnidium is used for aquatic forms. Oxyrrhynchium has been used for species with broad leaves, rough setae, and dioicous inflorescences. Rhynchostegium has had assorted applications with no consensus of use. Steerecleus was established to represent those taxa which lack short apical cells, have poorly differentiated alar cells, and smooth setae.

Rhynchostegium pulchellum var. praecox is a new combination I am proposing to unify my concept of eight taxa (seven species and this variety) as they occur in México. These taxa are characterized by rostrate opercula, smooth laminal cells, costae ending in a dorsal spine, and lacking heterophylly. Rhynchostegium has nomenclatural priority over the other allied genera and combinations in Rhynchostegium for the seven species have been validly effected by previous authors.

#### ACKNOWLEDGMENTS

I wish to thank Dr. Harold Robinson (US) and Dr. David K. Smith (TENN) for their review and comments on this manuscript and to the curators of the following herbaria BM,C,F,FH,H-BR,MICH,MO,NY,PC,TENN,UBC,UPS, and US for loan of specimens.

#### LITERATURE CITED

Crum, H.A. & L.E. Anderson. 1981. Mosses of Eastern North America. Columbia University Press. New York, New York, 2:665-1328.

- Grout, A.J. 1928. Moss Flora of North America North of Mexico. Privately published, Newfane, Vermont 3(1):1-62.
- Podpera, A.J. 1954. Conspectus Muscorum Europaeorum. Nakladatelstvi Ceskoslovanske Akademie Ved, Praha, Czeckoslovakia. 697 pp.
- Robinson, H. 1987. Notes on generic concepts in the Brachytheciaceae and the new genus Steerecleus. Mem. New York Bot. Gard. 45:678-681.
- Smith, A.J.E. 1978. The Moss Flora of Britain and Ireland. Cambridge University Press, Cambridge, Great Britain. 706 pp.
- Thériot, I. 1931. Mexican Mosses Collected by Brother Arséne Brouard III. Smithsonian Misc. Collect. 85(4):1-44.
- Warnstorf, C. 1904-1906. Laubmoose. Kryptogamenflora der Mark Brandenburg aud angrenzender Gebiete, herausgegeben von dem Botanischen Verein der Provinz Brandenburg. Leipzig, Germany. Zweiter Band. 1160 pp.

### TAXON INDEX TO PHYTOLOGIA VOLUMES 6-10

Podpera, A.J. 1954. Cour Monard J. Warnock Nakladare dvi

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#### ABSTRACT

A summary of taxonomic citations found in *Phytologia* is made in order to facilitate searching for references to particular plants in the journal. The taxon index for the first volume of *Phytologia* included entries at the species level and above. However, indices for volumes 2 through 67 included entries only at the genus level and above. The present summary of taxon citations includes all citations from volumes 6 through 10. A previous work (Warnock 1991) included citations from volumes 2 through 5. Later summaries will include the remaining volumes through volume 67. Boldface entries indicate that the taxon was originally described or a new combination produced in *Phytologia*.

KEY WORDS: Taxonomic index, new taxa, nomenclature

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